

**IN THE CLAIMS**

**Please cancel Claims 1-6 without prejudice or disclaimer.**

**Claims 1-6 (cancelled).**

**Claim 7 (previously amended): A computer system comprising:**

**a mass data storage device containing a data medium and having associated ECC circuitry for generating an error flag indication of the occurrence of an error in data read from said data medium;**

**and a host computer having at least a RAM, a CPU, and a facility for executing ECC instructions from a BIOS by said CPU;**

**wherein execution of said ECC instructions corrects in said RAM data read from said medium according to said ECC codes when said error flag has been generated.**

**Claim 8 (original): The computer system of claim 7 wherein said ECC instructions are software instructions of a device driver.**

**Claim 9 (original): The computer system of claim 7 wherein said BIOS is a system BIOS.**

**Claim 10 (original): The computer system of claim 7 wherein said BIOS is an expansion BIOS.**

**Claim 11 (cancelled).**

**Claim 12 (original): The computer system of claim 7 wherein said ECC circuitry determines the presence of an error in said read data from data integrity determination information previously generated from said read data.**

**Claims 13-26 (cancelled).**